

20010826.qrp v02_n293.qrl.20010826

Date: Sun, 26 Aug 2001 19:03:08 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2293

QRP-L Digest 2293

Topics covered in this issue include:

- 1) [105762] Contest: BUBBA NQ7RP Results
by Brian Kassel <bkassel@dancris.com>
- 2) [105763] Re: What about Twinax as Balanced Feeders
by "James R. Duffey" <jamesd1@flash.net>
- 3) [105764] Overloaded!
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 4) [105765] FS: K2 for \$550
by Gary Slagel <gdslagel@yahoo.com>
- 5) [105766] FS: Icom IC-706
by "David Ek" <ekdave@earthlink.net>
- 6) [105767] RE: Adding a BFO to a RCVR
by Nick Kennedy <nkennedy@tcainternet.com>
- 7) [105768] Re: Searching for an " Elmer "re: Flying Pigs
by "Michael C. Boatright" <ko4wx@mindspring.com>
- 8) [105769] Re: Amazing
by "Michael C. Boatright" <ko4wx@mindspring.com>
- 9) [105770] Re: MRX-60
by "Michael C. Boatright" <ko4wx@mindspring.com>
- 10) [105771] OT: Weather Sat Recieving System Board
by PTSMANTUA@aol.com
- 11) [105772] Re: MRX-60
by "Rob Matherly" <kc0bom@arrl.net>
- 12) [105773] Re: Using Double-Run Coax as Balanced Feeders
by "James R. Duffey" <jamesd1@flash.net>
- 13) [105774] Re: Weather Sat Recieving System Board
by "Rob Matherly" <kc0bom@arrl.net>
- 14) [105775] Re: MRX-60
by "Michael C. Boatright" <ko4wx@mindspring.com>
- 15) [105776] Re: MRX-60
by "Rob Matherly" <kc0bom@arrl.net>
- 16) [105777] Re: What a day!
by Edgerhardt@aol.com
- 17) [105778] Contest- K4FB Bubba Sprint
by Paul Womble <pwomble1@tampabay.rr.com>
- 18) [105779] Re: Contest: BUBBA NQ7RP Results
by Paul Womble <pwomble1@tampabay.rr.com>
- 19) [105780] eo10 prefix?

by "Rod Cerkoney, N0RC" <rod@n0rc.com>
20) [105781] FS: Iambic Paddles (NIB)...
by Patrick Armstrong <aa7fg@gte.net>
21) [105782] Re: eo10 prefix?
by Steve Yates <aa5tb@yahoo.com>
22) [105783] FS: Pace Solder Station...
by Patrick Armstrong <aa7fg@gte.net>
23) [105784] Re: eo10 prefix?
by "Rod Cerkoney, N0RC" <rod@n0rc.com>
24) [105785] E010.... call QSL info avail at DX Summit
by W9SUL <pugrad@millcomm.com>
25) [105786] [Fwd: Antarctic Operations]
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
26) [105787] Murphy Lives!
by "N7SG K7FD" <k7fd@hotmail.com>
27) [105788] Re: FREEBIE EXCHANGE
by "Phil (VA3UX)" <phil@vaxxine.com>
28) [105789] KC4USV on 14.243 now....
by "Michael Melland" <w9wis@charter.net>
29) [105790] Re: MRX-60
by "Steven Weber" <kd1jv@moose.ncia.net>
30) [105791] Re: MRX-60
by "Dave Fifield" <dave@redhotradio.com>
31) [105792] KC4USV
by "George Lee" <georgekr5c@cablelynx.com>
32) [105793] Colorado QRP Club Summer QSO Party
by "AB0CD" <ab0cd@uswest.net>
33) [105794] Re: What a day!
by "Karl F. Larsen" <k5di@zianet.com>
34) [105795] battery chargers
by "John Dorson" <JDORSON@worldshare.net>
35) [105796] Recession
by "Karl F. Larsen" <k5di@zianet.com>
36) [105797] Re: Contest- K4FB Bubba Sprint
by "Karl F. Larsen" <k5di@zianet.com>
37) [105798] Re: Recession
by <baltimoremd@baltimoremd.com>
38) [105799] Need Var. Capacitor
by "John Dorson" <JDORSON@worldshare.net>
39) [105800] 20 mtr qrp for trade. need sw-30
by "John Dorson" <JDORSON@worldshare.net>
40) [105801] Measuring Tape Antenna...
by "Bruce & Tosh Hopkins" <makai@makai.org>
41) [105802] N4BP BUBBA
by Bob Patten <n4bp@yahoo.com>
42) [105803] Re: FREEBIE EXCHANGE
by "Donny Sirait" <dsirait@centrin.net.id>
43) [105804] Re: N4BP BUBBA

by "N7SG K7FD" <k7fd@hotmail.com>
44) [105805] Re: E010.... call QSL info avail at DX Summit
by Steve Yates <aa5tb@yahoo.com>
45) [105806] Re: Cub Fox Log 8-22 from KD5KXF
by "Mike Malone" <mmalone@worldlogon.com>
46) [105807] Re: 40673 Caution: techno-babble
by "James R. Duffey" <jamesd1@flash.net>
47) [105808] RE: FREEBIE EXCHANGE
by "Len Revelle" <lenrev@ameritech.net>
48) [105809] Re: Iron on schematics
by "Ted Williams" <ted@g0u11.fsnet.co.uk>
49) [105810] Re: 40673 Caution: techno-babble
by "Karl F. Larsen" <k5di@zianet.com>
50) [105811] Re: FS: K2 for \$550 - SOLD
by Gary Slagel <gdslagel@yahoo.com>
51) [105812] battery voltage indicator
by ARDUJENSKI@aol.com
52) [105813] QRP activities at the Huntsville, AL hamfest
by "Michael A. Newell, WB4HUC" <MNEWELL1@austin.rr.com>
53) [105814] Re: [2n2-40] Overloaded!
by "Lee S. Mairs" <lmairs@cox.rr.com>
54) [105815] Today's Contest...
by "N7SG K7FD" <k7fd@hotmail.com>
55) [105816] NA in BUBBA and other QRP contests
by Bruce Grubbs <mail@brucegrubbs.com>
56) [105817] Re: 40673 Caution: techno-babble
by "Dave Benson" <nn1g@earthlink.net>
57) [105818] DC Voltage Booster?
by "John L. Sielke" <w2agn@pobox.com>
58) [105819] VE6AAN/VE5 Mountain Top
by Niels Jensen Kristjansson <nkristja@cadvision.com>
59) [105820] whence cqc 'tester's?
by "Rod Cerkoney, N0RC" <rod@n0rc.com>
60) [105821] Re: DC Voltage Booster?
by "Mike Yetsko" <myetsko@insydesw.com>
61) [105822] Antenna sum-up -long
by "Karl F. Larsen" <k5di@zianet.com>
62) [105823] Last Call - Power Management Contest
by Larry Cahoon <lejek@erols.com>
63) [105824] Re: battery voltage indicator
by "Bill Jones" <kd7s@psnw.com>
64) [105825] OT - Dish antennas?
by "David & Jo Ann Lininger" <djlinin@positech.net>
65) [105826] Re: OT - Dish antennas?
by "Rob Matherly" <kc0bom@arrl.net>
66) [105827] Emtech ZM-2?
by "Bill Allen" <wallen@our-town.com>

Date: Sat, 25 Aug 2001 16:10:55 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [105762] Contest: BUBBA NQ7RP Results
Message-ID: <3B88307F.6D485F99@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks:

I got to be in the spotlight as the operator of NQ7RP for the Bubba contest this time around. Conditions were, well, abysmal here in AZ. I operated 10, 15, 20 and 40M and skipped around as much as possible in order to give as many participants a chance at working the 10,000 point bonus station. I ended up with only 33 QSO's total, and probably 10-15 of those weren't in the contest, or at least didn't know what items were to be in the exchange. They DID come back to my CQ TEST call however.

Thanks to each and everyone of you that participated. It was still great fun, and a great exercise for my kidneys as well. Temperature peaked at 106 here, virtually no humidity.

High points:

Goran EA8YUB pulled me through from the Canary Islands. What a nice surprise!

Also, WL7CDC, DOUG in AK had a nice signal.

Highest temperature worked was K5NZ at 118 F!

Lowest power worked was K4FB, PAUL in FL with .99W

I worked N4BP on 15, but he didn't hear me on 20M. Not sure if he smoking that big cigar, but with a temperature of 97, he didn't need any warming up I'm sure. He MAY have been sitting in that big black Limo that I've heard about, though he didn't sign /M.;

Rig here was my K-2 at 5W and 3 el Beam on 10, 15 and 20M, with a delta loop on 40M.

Make sure that you send in your logs within 30 days to Floyd, NQ7X.

E-MAIL them to him at:
nq7x@earthlink.net

or regular snail mail to him at:

Floyd Smithberg NQ7X (ATTEN: BUBBA)

12327 Fieldstone Dr.
Sun City West, AZ 85375

72,
Brian K7RE

Date: Sat, 25 Aug 2001 17:51:47 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <dafouchey@home.com>, qrp-l <qrp-l@lehigh.edu>
Subject: [105763] Re: What about Twinax as Balanced Feeders
Message-ID: <B7AD9632.D0DB%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Dave - The twinax will work fine. It will be lossier than the window line, but it is nice to use, particularly to feed resonant antennas. I believe that Dave Gauding, N4OR, uses twinax for his indoor antenna feeders. That is a particularly good application for it as one can use balanced feeders close to metallic objects without harm since the braid shields the balanced feeders for the surrounding objects.

Sounds like you have a lifetime supply. Use it! - Dr. Megacycle KK6MC/5

--
James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sat, 25 Aug 2001 20:01:42 -0400
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: qrp-l@lehigh.edu
Cc: 2n2-40@yahoogroups.com
Subject: [105764] Overloaded!
Message-ID: <5.0.2.1.1.20010825195326.00a72ea0@pop.prodigy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

I'm taking the easy way out to notify many of you who have written me within the past several days that I'm woefully behind in answering some of my email. I've gotten some long emails regarding technical questions on 2N2/40s

being built that are not working correctly, ditto on Iowa QRP-10s, and some other more general questions that need some research or measurements before formulating an answer. I'll eventually get back to each of you, when I have time to generate the requested data, or figure out a suitable answer.

My appologies for taking this approach, but I'm feeling kinda boxed in at the moment with everything that is going on, and not enough time to answer everyone on a timely basis. I will get back to you, hopefully, before you give up entirely, or think that I'm a real jerk! :-)

72, thanks for your understanding, and thanks for the bandwidth!

Jim, K8IQY

Date: Sat, 25 Aug 2001 17:23:58 -0700 (PDT)
From: Gary Slagel <gdslagel@yahoo.com>
To: QRP L <qrp-l@Lehigh.EDU>
Subject: [105765] FS: K2 for \$550
Message-ID: <20010826002358.29860.qmail@web11606.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

K2, Serial Number 868. Base rig, no options. \$550 and buyer pays shipping... my guess is \$15 anywhere in the US.

I bought this rig, assembled, a few months ago and love it. From exchanging emails with the guy who built it and looking at the workmanship I can tell you the construction job is excellent.

I decided I wanted a couple other options so I recently bought ANOTHER K2 (again assembled) that had the options I wanted. (it looks great too! but I digress). So.... xyl doesn't think much of all these radios sitting around so its gotta go.

Tnx & 73,

Gary

=====

Gary Slagel/N0SXX
Conifer, CO 80433
gds slagel@yahoo.com
Personal Website: <http://marina.fortunecity.com/sanpedro/351>

Do You Yahoo!?

Make international calls for as low as \$.04/minute with Yahoo! Messenger
<http://phonecard.yahoo.com/>

Date: Sat, 25 Aug 2001 18:27:55 -0600
From: "David Ek" <ekdave@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [105766] FS: Icom IC-706
Message-ID: <001401c12dc5\$f4f52bc0\$0100a8c0@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For sale: Icom IC-706 (the original, not the MKII or MKIIG). 100W 160-6m SSB CW FM RTTY (40W AM), 10W 2m SSB CW FM RTTY (4W AM). Power can be reduce to about 3W on HF. General coverage receive 300 kHz - 200 MHz SSB, CW, AM, FM wide band FM, RTTY. Dual VFOs plus 100 memories. Built-in keyer. 250 Hz CW filter (FL-101) installed. Includes hand mike, power cord, original manual, and accessory pack containing extra fuses, 13-pin accessory connector, and stereo 1/4" plug for paddles. I do not have the original box.

I am the original owner of this radio, since August 1997. It is in perfect condition--completely operational, with no scratches or blemishes on the case. It has been my primary rig for HF in my shack for four years and has never been mobile. Non-smoker so no cigarette odor. I'm selling it because I've upgraded to the MKIIG for better capabilities on VHF and UHF.

Asking \$650 (shipped to lower 48) or best offer.

73 de Dave NK0E

Date: Sat, 25 Aug 2001 19:43:16 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [105767] RE: Adding a BFO to a RCVR
Message-ID: <01C12D9E.30268CC0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Sorry about dragging this thread out, but I can't resist talking about the S-120. It's an emotional topic for me!

-----Original Message-----

From: Joe Reed [SMTP:joe@n9jr.dyndns.org]

>It is becoming a fairly uncommon radio and I would hate to think one could
>be butchered to make it a QRP receiver.

There are a lot more out there than I would have thought. Always seems to be a few on ebay, and going cheap.

>I doubt if Hallicrafters ever had anything like that in mind when they
>made it.

They had in mind selling a product at a profit. They didn't care if you used it for AM-BC, SWL, Ham radio or for a doorstop.

>Tune it down on 31 meters some evening and enjoy what it is best at
>instead. (AM mode).

I think we'd agree on that. It's an OK cheap, lower performance SWL receiver. Of course I only mentioned the hideous CW note. I didn't mention the horrendous amount of AC hum.

>Just my 2cents worth on what I consider to be a venerable and decent
>shortwave receiver from the past.

Noted and appreciated.

>FWIW, I got my start in ham radio 30 years ago by listening to the AM hams
>on a Heathkit GR-91 in the 40 meter band.

I used to DREAM of having a GR-91. No, I'm not doing a poor Monty Python imitation. I really wanted one. But my mentor was anti-Heathkit and insisted on hallicrafters. I started with the S-119 and then "upgraded" to the S-120.

Oh wait--it wasn't the GR-91 I wanted; it was the AR-3. The GR-91 came later. I think it replaced the AR-3.

>Please don't dis' the 120.

Sorry, I can't help myself. But it's a love/hate thing. Otherwise, why would I have been crazy enough to acquire another S-120 in the first place? (I traded a Gonset Communicator III for it. Now, there was a well-designed rig.) So I stand by my "worst receiver ever" statement. OK for casual SWling, but unusable as a communications receiver. That's true both now and in 1962.

Seriously, I think building a decent performing receiver into the S-120 would be a cool thing. If you didn't hurt the outside appearance.

72 & thanks for the memories--

Nick, WA5BDU

Date: Sat, 25 Aug 2001 21:55:09 -0400
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: qrp-l@Lehigh.EDU
Subject: [105768] Re: Searching for an " Elmer "re: Flying Pigs
Message-ID: <5.0.2.1.2.20010825215450.021474d0@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Mark,

Can't find a better one, I assure you...

72 de Mike, K04WX
Michael C. Boatright

Date: Sat, 25 Aug 2001 21:59:11 -0400
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: qrp-l@Lehigh.EDU
Cc: k5di@zianet.com
Subject: [105769] Re: Amazing
Message-ID: <5.0.2.1.2.20010825215611.02147260@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Karl,

Have a try at the Spartan Sprint, Monday week (Labor Day, Sept. 3). For details check out the Adventure Radio Site (<http://www.natworld.com/ars>). Last sprint (first Monday in August), the bands were really hot, after being up and down for the past several months.

Not being an astrophysicist, it still seems like this cycle has had more slop thrown at us than the previous one. I got my license in Spring of 1991, and had an incredible time working the world on 10M phone (HTX-100) on 25W...

72 de Mike, K04WX
Michael C. Boatright

Date: Sat, 25 Aug 2001 22:33:44 -0400
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: qrp-1@Lehigh.EDU
Cc: kc0bom@arrl.net
Subject: [105770] Re: MRX-60
Message-ID: <5.0.2.1.2.20010825221326.02143470@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Rob,

Assuming the FCC grants us the allocation (of course, you could always build a RECEIVER anyway), and picking 5.275 as a theoretical middle of the 60M CW segment (and assuming that a CW segment is allocated!):

XC1 = 250 Ohms; at 5.275MHz, C1 = 121pF
XC2 = 48 Ohms; at 5.275MHz, C2 = 629pF
XC5 = 84 Ohms; at 5.275MHz, C6 = 359pF
XC6 = 277 Ohms; at 5.275MHz, C6 = 109pF
XL1 = 256 Ohms; at 5.275MHz, L1 = 7.4uH
XL2 = 660 Ohms; at 5.275MHz, 19.91uH

Not very practical, though. Don't see anybody with a 5.275 crystal for sale cheap...

72 de Mike, K04WX
Michael C. Boatright

Date: Sat, 25 Aug 2001 22:35:29 EDT
From: PTSMANTUA@aol.com
To: qrp-1@lehigh.edu
Subject: [105771] OT: Weather Sat Recieving System Board
Message-ID: <a6.18ba82ed.28b9ba71@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Sorry for the Bandwidth,

but was looking for an inexpensive way to recieve weather satellite info, and saw on the Far Radio > Recievers Page for Circuit boards, a

" Practical Weather Satelitte Recieving System Board" for \$18.00
Featured in 73 Magazines Mar/Apr 95.

Looking for comments on ideas for an inexpensive buildable down link and a source for the Mar/Apr 95 articles in 73 Mag, is this a recommended project or is another better?

de Phil

KF8JW

Date: Sat, 25 Aug 2001 21:43:15 -0500
From: "Rob Matherly" <kc0bom@arrl.net>
To: <qrp-1@Lehigh.EDU>, "Michael C. Boatright" <ko4wx@mindspring.com>
Subject: [105772] Re: MRX-60
Message-ID: <001b01c12dd8\$dc6559a0\$a311a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ah, thank you very much OM! I could always look around for a cheap one at a hamfest, or see if there's something I could scrap, but if not I'm sure something else will pop up somewhere!

72/73
Rob, kc0bom

----- Original Message -----
From: Michael C. Boatright <ko4wx@mindspring.com>
To: <qrp-1@Lehigh.EDU>

Cc: <kc0bom@arrl.net>
Sent: Saturday, August 25, 2001 9:33 PM
Subject: Re: MRX-60

> Rob,
>
> Assuming the FCC grants us the allocation (of course, you could always
> build a RECEIVER anyway), and picking 5.275 as a theoretical middle of the
> 60M CW segment (and assuming that a CW segment is allocated!):
>
> XC1 = 250 Ohms; at 5.275MHz, C1 = 121pF
> XC2 = 48 Ohms; at 5.275MHz, C2 = 629pF
> XC5 = 84 Ohms; at 5.275MHz, C6 = 359pF
> XC6 = 277 Ohms; at 5.275MHz, C6 = 109pF
> XL1 = 256 Ohms; at 5.275MHz, L1 = 7.4uH
> XL2 = 660 Ohms; at 5.275MHz, 19.91uH
>
> Not very practical, though. Don't see anybody with a 5.275 crystal for
> sale cheap...
>
> 72 de Mike, K04WX
> Michael C. Boatright
>

Date: Sat, 25 Aug 2001 20:48:57 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [105773] Re: Using Double-Run Coax as Balanced Feeders
Message-ID: <B7ADBFB9.D0E6%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Bill - At HF at least, the main losses in transmission lines are Ohmic, not Dielectric. Your post:

"No, he's wrong. All that dielectric over the wire contributes to loss, as does the presence of the grounded sheilds a fraction of an inch away."

The shield should not contribute to the loss in paralleled coax lines. If the transmission line current is balanced no current will flow in it.

The big reason that balanced feeders are less lossy than coax is that the impedance of the line is higher. Transmission line attenuation varies

inversely as the line impedance. 450 Ohm coax, if made, would have about the same attenuation as 450 Ohm ladder line if the center conductor of the coax were as large as the conductors in the ladder line. The coax would be huge (exercise to the reader to calculate diameter) though and prohibitively expensive due to the large cost of copper (aluminum) in the shield.

Conversely, 72 Ohm balanced feeders, when they used to be available, had about the same loss as 72 Ohm coax.

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sat, 25 Aug 2001 21:49:35 -0500
From: "Rob Matherly" <kc0bom@arrl.net>
To: <PTSMANTUA@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [105774] Re: Weather Sat Recieving System Board
Message-ID: <002901c12dd9\$bf5ed1a0\$a311a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I downloaded a program called wx sat that runs off the soundcard input. I haven't had a chance to use it yet due to problems with my video card (not related to the software) and not having an antenna up yet, but seems to be an easy way to decode the signals without a lot of cost. It says it also decodes sw fax, but haven't tried this either. I don't remember where I got it from, but I'm fairly sure the link was at <http://www.ac6v.com>

72/73
Rob, kc0bom

----- Original Message -----
From: <PTSMANTUA@aol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Saturday, August 25, 2001 9:35 PM
Subject: OT: Weather Sat Recieving System Board

> Sorry for the Bandwidth,
>
> but was looking for an inexpensive way to recieve weather satelite info,
and

> saw on the Far Radio > Recievers Page for Circuit boards, a
>
> " Practical Weather Satelite Recieving System Board" for \$18.00
> Featured in 73 Magazines Mar/Apr 95.
>
> Looking for comments on ideas for an inexpensive buildable down link and a
> source for the Mar/Apr 95 articles in 73 Mag, is this a recommended
project
> or is another better?
>
> de Phil
>
> KF8JW
>

Date: Sat, 25 Aug 2001 22:50:09 -0400
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: "Rob Matherly" <kc0bom@arrl.net>
Cc: <qrp-l@Lehigh.EDU>
Subject: [105775] Re: MRX-60
Message-ID: <5.0.2.1.2.20010825224735.02150220@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Yeah,

Unfortunately, it's not listed in Mouser or ICM as a microprocessor
crystal. Would definitely be worth a more in depth search...

Probably a more practical way to get on quickly would be a transverter?

72 de Mike, K04WX

At 21:43 8/25/01 -0500, Rob Matherly wrote:

>Ah, thank you very much OM! I could always look around for a cheap one at a
>hamfest, or see if there's something I could scrap, but if not I'm sure
>something else will pop up somewhere!

>

>72/73

>Rob, kc0bom

>

>

>----- Original Message -----

>From: Michael C. Boatright <ko4wx@mindspring.com>

>To: <qrp-l@Lehigh.EDU>

>Cc: <kc0bom@arrl.net>

>Sent: Saturday, August 25, 2001 9:33 PM
>Subject: Re: MRX-60
>
>
> > Rob,
> >
> > Assuming the FCC grants us the allocation (of course, you could always
> > build a RECEIVER anyway), and picking 5.275 as a theoretical middle of the
> > 60M CW segment (and assuming that a CW segment is allocated!):
> >
> > XC1 = 250 Ohms; at 5.275MHz, C1 = 121pF
> > XC2 = 48 Ohms; at 5.275MHz, C2 = 629pF
> > XC5 = 84 Ohms; at 5.275MHz, C6 = 359pF
> > XC6 = 277 Ohms; at 5.275MHz, C6 = 109pF
> > XL1 = 256 Ohms; at 5.275MHz, L1 = 7.4uH
> > XL2 = 660 Ohms; at 5.275MHz, 19.91uH
> >
> > Not very practical, though. Don't see anybody with a 5.275 crystal for
> > sale cheap...
> >
> > 72 de Mike, K04WX
> > Michael C. Boatright
> >

Date: Sat, 25 Aug 2001 21:52:25 -0500
From: "Rob Matherly" <kc0bom@arrl.net>
To: <kc0bom@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [105776] Re: MRX-60
Message-ID: <002d01c12dda\$24806800\$a311a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Don't know if there's been discussion on this yet, but are there any common crystals that would work in the proposed band segment? Be a good idea where to start looking for a qrp frequency. Of course, with a 150 (250?) kHz band segment with 1500 watts max, it'd probably be hard to hear a sub-5 watt signal there anyway...

72/73
Rob, kc0bom

> > Assuming the FCC grants us the allocation (of course, you could always
> > build a RECEIVER anyway), and picking 5.275 as a theoretical middle of

the

> > 60M CW segment (and assuming that a CW segment is allocated!):

Date: Sat, 25 Aug 2001 22:59:55 EDT
From: Edgerhardt@aol.com
To: k5di@zianet.com, qrp-l@lehigh.edu
Subject: [105777] Re: What a day!
Message-ID: <8d.b8129dd.28b9c02b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

A similar bizarre day here in Miami. I did work J8/PA8FM on 12 (those guys look like they are staying in Grenada) and D58DX in Liberia, a new country for me. Lots of QSB....that was about it.

73
Ed
N4EJG

n a message dated 8/25/01 4:21:45 PM Eastern Daylight Time, k5di@zianet.com writes:

<<

Well 15 meters is open to some parts of the world. I worked the following who is everyone on 15 meters I can copy:

K4FB
EA8YU
W2AGN
N4PB finally and he gave me 599...
>>

Date: Sat, 25 Aug 2001 23:25:26 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: QRP-L <qrp-l@lehigh.edu>, FP List <fpqrp-l@mpna.com>
Subject: [105778] Contest- K4FB Bubba Sprint
Message-ID: <3B886C26.7F4E51B5@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Why is it when I want to try a new field antenna, the sun wants to play games? I thought the new 66' doublet fed with 300 ohm twin lead was just not working.

The solar flare that hit today really blacked out the HF bands. After getting the antennas up...we turned on the radios and heard nothing.

NOTHING!!!

Not even WWV? Nope.

Check the feed lines, connectors, etc. Still nothing!!

Finally after an hour into the contest period, a few qso's finally found their way into the log on 20m and 15m. Fifteen ended up being THE band of the day...the log looks more like a DX contest log. LY, DL, EA8 and two KL7 stations answered our CQ on that band. After chasing bonus station NQ7RP around for a while, it was also in the 15m log. K5DI gets the big-signal of the day award.

Twenty meters was interesting. Stations from the Ohio QSO Party were loud...as were the FISTS and a rag chew or two. But few Bubba signals could be heard above ESP copy. We did catch NQ7RP again for more bonus points.

Ten meters only had one qso. A QRO station in CA. I sent an honest 599 signal report, and received a 579. Too bad others didn't check 10.

Operators were Jack K4BYF and Paul K4FB. Several of our local club members (K3NCB + Martha, AD4IH + WD4BEK, KR4SP, KA3JCA, and KE4VBA) came out to the park to enjoy the sunshine...and partake in some hot-dogs on the grill with all the associated goodies. That's the best part of doing the outdoor events as a multi-op. Invite the locals, cook up some food, and before you know it there will be some new QRP converts!

The thermometer peaked at 99 degrees. With the dew point at 72, the heat index was a blazing 109 degrees!

The numbers:

96,736 claimed score

22 qso's x 16 SPC's x 2 Outdoor x 109 Heat Index + 20,000 NQ7RP bonus points

Pics and log are available at: <http://www.qsl.net/k4fb>

Paul K4FB

Date: Sat, 25 Aug 2001 23:31:41 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: bkassel@dancris.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [105779] Re: Contest: BUBBA NQ7RP Results
Message-ID: <3B886D9D.E317E440@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Actually...we were running 5 watts. I must have sent the temperature, which was 99, when you asked for power.

Oops...

73
Paul K4FB

Brian Kassel wrote:

>
> Lowest power worked was K4FB, PAUL in FL with .99W
>

Date: Sat, 25 Aug 2001 21:37:45 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [105780] eo10 prefix?
Message-ID: <017101c12de0\$787014a0\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

So far I've figured out it is a prefix for the Ukraine. But is it a new prefix or a special event prefix? So far I worked eo10m & eo10v, but can find no info on these calls at QRZ or Buckmaster. Not even a Google search reveals anything.

Ideas?

73, Rod N0RC
Ft Collins, CO

Date: Sat, 25 Aug 2001 20:37:54 -0700
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-l@Lehigh.EDU
Subject: [105781] FS: Iambic Paddles (NIB)...
Message-ID: <3B886F11.22902704@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Benchner model BY-2 iambic paddles with chrome base and components brand new in the box... \$75.00 shipped USA...

Pat, AA7FG - Oregon

Date: Sat, 25 Aug 2001 20:43:39 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [105782] Re: eo10 prefix?
Message-ID: <20010826034339.25732.qmail@web14601.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Rod,

Very interesting. I worked E010B last night on 14.017 MHz at 0153 UTC and I couldn't get any additional information either. Maybe some kind of Ukrainian special event going on.

=====

Steve Yates

Call: AA5TB
E-Mail: aa5tb@arrl.net
Location: Fort Worth, TX - Grid EM12gs
Web Page: <http://www.geocities.com/aa5tb>

Do You Yahoo!?

Make international calls for as low as \$.04/minute with Yahoo! Messenger
<http://phonecard.yahoo.com/>

Date: Sat, 25 Aug 2001 20:40:50 -0700
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-1@Lehigh.EDU
Subject: [105783] FS: Pace Solder Station...
Message-ID: <3B886FC2.A59295FD@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Pace model ST-20A solder station (analog temp control) with numerous
tips brand new... \$85.00 OBO...

Pat, AA7FG - Oregon

Date: Sat, 25 Aug 2001 21:49:50 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: <aa5tb@yahoo.com>
Subject: [105784] Re: eo10 prefix?
Message-ID: <017d01c12de2\$28cfcb50\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well I should have looked a little harder MIA CULPA, by way of yahoo I
found this:

EO - The following special event stations will be active on 20-28
August
to celebrate the 10th anniversary of independence for
Ukraine: E010J
(QSL via KG6AR), E010G (QSL via UR7GG: Victor Tkachenko,
P.O. Box 73, Kherson, 73000 Ukraine), E010M (QSL via UX7MA: P.O.
Box 22,
Stakhanov, 94000, Ukraine), E010V (QSL via UR7VA: P.O.
Box 23,

Kirovograd-9, 25009, Ukraine). [TNX KG6AR, UR7GG, UX2VZ, UX7MA]

via: <http://www.425dxn.org/425/425-n537.html>

73, Rod N0RC
Ft Collins, CO

----- Original Message -----

From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, August 25, 2001 9:37 PM
Subject: eo10 prefix?

> So far I've figured out it is a prefix for the Ukraine. But is it a
> new prefix or a special event prefix? So far I worked eo10m & eo10v,
...

Date: Sat, 25 Aug 2001 23:14:29 -0500
From: W9SUL <pugrad@millcomm.com>
To: qrp-l@lehigh.edu
Subject: [105785] E010.... call QSL info avail at DX Summit
Message-ID: <1.5.4.32.20010826041429.0070b614@pop3.rconnect.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The best place to search for "unusual" call QSL info is on the:

DX Summit web site... under the "Spot Database Search" option
The url for DX Summit is:

<http://oh2aq.kolumbus.com/dxs/>

Of course this is also a great place to view "current" spots.

BTW... E010B E010M and E010V are all in the "Spot Database Search" with QSL info listed in many of the comment fields.

Hope this "trick" helps in the future with other "unusual calls".

72 / 73 Dave Cary - W9SUL/QRP Rochester, Minnesota
Home of the Mayo Clinic

mailto:w9sul@arrl.net or mailto:pugrad@millcomm.com

<http://home.rconnect.com/~pugrad/> << == contains DX stats

Date: Sat, 25 Aug 2001 21:12:39 -0700
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
To: QRP-L <qrp-l@lehigh.edu>, GQRP <gqrp@egroups.com>
Subject: [105786] [Fwd: Antarctic Operations]
Message-ID: <3B887737.604116CA@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

----- Original Message -----
Subject: [Elecraft] Antarctic Operations
Date: Sat, 25 Aug 2001 19:11:46 -0400
From: "Veatch, James C. (JCV)" <JCV@arinc.com>

Hello Everyone,

Well thanks to everyone who was listening last night. I worked a whole bunch of K2-K2 and K2-K1 contacts. The antarctic QSL manager is K1IED and I'll send you a card when I get back if you send one to WA2EUJ.

The station will be on the air 0200Z to 0500Z 8/26, running phone at 14243kHz.

I will be up tomorrow sometime around 0430Z 8/27, I like working the voice pile-ups. But just for the elecraft operators I'll call CQ on 14040kHz at 0530Z on 8/27. Listen for KC4USV.

Hope to hear you on.

73's
Jim WA2EUJ

Date: Sat, 25 Aug 2001 21:10:23 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [105787] Murphy Lives!
Message-ID: <F235PzGNSokLQ8aZRhQ000104e2@hotmail.com>
Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Hey, I wash the car, it rains. I put a new dipole up, the sun burps (more like a big belch today).

Anyway, my new 30m dipole is up at 45 feet and now open for business.

73 John K7FD, 10.116+- evenings...

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sun, 26 Aug 2001 00:32:07 -0400
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: kb1dxc@discovernet.net
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [105788] Re: FREEBIE EXCHANGE
Message-ID: <5.0.2.1.0.20010825222425.00a01540@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

My commendations also !!

A little story that relates : About 3 years ago I had reason to call Fred Hammond (VE3HC, now SK), the king pin of Hammond Manufacturing (makers of transformers, chassis and cabinets for amateurs and industry since the 30's). I called to ask him about an old Atwater Kent radio I was restoring; Fred had a collection of 1000+ vintage radios and he restored every one himself. Those radios are now on display in a museum built by Hammond. Anyway, after Fred answered my questions he casually mentioned that he wanted to get going because he was putting the finishing touches on a pair of mono-band 4-1000 amps he'd just built (Fred was in his 80's at the time). I mentioned that I had several 4-1000's that were waiting for amps to be built around them but I had just started collecting parts and still had a long way to go. He asked me if I had filament transformers (7.5 volts at 21 amps) for the tubes yet and I said no. He said, "don't buy any - come and see me first". Well I'm not used to taking handouts from anybody and up to that point I'd always paid my own way and I guess I always expected to be paid for something that was leaving my hands. I politely refused the offer and told him that I would pay for a transformer when I was ready to get one and eventually I'd arrange to drive up to see him and all that (he lived about an hour from here). Two days later, UPS leaves an unexpected package at the house; it contained two new filament transformers from Hammond Manufacturing. These things sell for 90 or 100 bucks each. There was a note inside from Fred : "this will help you get on your way but

you're going to need a lot more parts. Call me soon". I called him that night, thanking him profusely, insisting that I would drive up to his place NOW to pay him, and Fred chuckling through the whole conversation and completely refusing any sort of remuneration. I was really "stunned" by the generosity; I just wasn't used to it. And I hardly knew him. It didn't end there. He insisted I come up to his house to look at his amplifiers to get construction ideas, and he wanted to see my layout plans. Well I did that. I left his house the night of that visit with 30 or 40 pounds of hard to find parts for my project. He smiled the whole time while he filled those two boxes as he asked me, "Have you got any of these ? Did you get one of those yet ? If you're thinking of adding such-and-such to your amp you're really going to need these?.....". Jeez ! And he would not take anything in exchange for the stuff. He asked if he could keep the copy of my amp plans that I'd brought with me that night; he wanted to look at them and "think" about them. Of course, I said yes. 4 or 5 days later he called here and asked when I was coming up his way next because he "found" some more stuff I could use. I said I'd drop by on the weekend. When I got there : two custom built chassis for my amp project (based on the layout drawings I'd left with him) made from 0.090" aluminum, welded seams and laser cut holes. All done at the Hammond Manufacturing facility in Guelph, Ontario. AND, two 1/8" thick, painted, blank front panels with rack mount holes drilled and handles attached. And there were more "Christmas" type visits like that with Fred.

I was looking for about 10 feet of high voltage wire and didn't want to buy a \$500 spool of the stuff. Fred said, "oh I can help you with that". About a week later a fax came through at home from a company in southern Ontario. The fax said something like, " our long time customer and good friend Fred Hammond mentioned that you require a small quantity of type xxxx wire. We have packaged 25 feet of our 40 KV silicone jacketed (type xyz) wire for immediate delivery to you. Please forward your address; you do not need to send any money. We are pleased to assist you with your project. Sincerely,....". I'd never seen a fax like that before and I'll never see another again.

I got to know other people that had known Fred for years, as opposed to the few months that I had gotten to know him. They all told me the same thing : Fred had been generous like that for his entire life. He loved giving stuff to people and he loved refusing anything other than a "thankyou". Fred was extremely active on HF right up until his fatal stroke. One good story was about Fred listening to a conversation on HF one night between 2 guys talking about their vintage Hallicrafters radios and how one of them had a toasted power transformer and no replacement could be found. Well, Hammond supplied thousands of transformers to many of the radio companies during the golden years. Fred took notes about the conversation, went to the plant the next day and went through the files, found that he ("Hammond") had built the original power transformers for the radio those guys were talking about, took the original winding sheet out to

the plant and had a couple of brand new ones wound-up. And then, like he did with me, he looked up the guy's address from his callsign and shipped the transformers off to the unsuspecting recipient. Being around someone like that really makes you stop for a moment and take a hard look at yourself.

Perhaps like Bill that started this thread, I was "transformed" by Fred Hammond's generosity. I stopped holding my hand out for payment when I found that I had something surplus that someone else needed. I can't afford to give away everything I own, but I have plenty of neat surplus stuff that I didn't pay much for and it sits here unused. I have more than I need. When someone stops by and discovers something they need, I just give it away - a big change for me. But in doing so, I discovered why Fred Hammond was always happy and chuckling. It's a much better way to be. True "old school" ham radio spirit. One of the main reasons that BY1PK (the national Chinese amateur radio station) came on the air in the early 80's after decades amateur radio silence : Fred Hammond. He built and donated all the consoles and amplifiers. The slick looking operating consoles at ARRL HQ (I assume they are still there) - built and donated by Fred Hammond.

When I read Bill's account of Charles' (W2SH) generosity I thought, "ah, I know the kind of guy your talking about. You're lucky to rub shoulders with someone like that". When I read Bill's reaction - his intent to "pass it on", I thought, "yep, I know exactly how you feel".

Carry on lads. That's the end of my story. And don't forget to "pass it on to the next guy". You'll both be glad you did.

Phil

At 06:42 PM 8/25/2001 -0400, kb1dxc wrote:

>Dear Bill,

>

> What a great idea. I commend you and Charles for your generosity. I
>am not interested in the Callbook, so do not add me to the list but I love
>to see this sort of thing. It makes me proud to be an amateur.

>

>73,

>Mike

>KB1DXC

>K2 s/n 02097

>

> >Friends,

> >

> >A couple weeks ago I was asking for information on half-square/bobtail
> >antennas. Charles, W2SH sent me a 27 page booklet from his files. He
> >adamantly refused to be reimbursed for postage, envelope etc. The only way

> >I can repay Charles is to send somebody something from my own collection of
> >stuff. So, here's the deal:
> >
> >I have a brand new (still shrink wrapped) 1995 North American Callbook.
> >This is the last year they published the printed version so think if it as a
> >collector's item. I will collect names between now and Monday of anybody
> >wanting it. I will draw a name out of a hat and send it to that person.
> >BUT (isn't there always a 'but') whoever gets it must agree to make
> >something they have available, free of charge, to somebody else, preferably
> >on qrp-l. It could be a hand full of 2N2222 transistors, an unused cabinet,
> >a box of knobs, an FT-1000D or whatever. Let's see how far this can go.
> >=====

> >Bill Jones - KD7S <><
> >Sanger, California
> >=====

>
>-----
>
>"You know that look women get when they want sex? Me neither."
>
> - Drew Carey
>-----

>email address : kb1dxc@discovernet.net
>
>MY WEB SITE
>IS: <http://www1.discovernet.net/~kb1dxc/>
>
>MY RADIO WEB SITE IS AT: <http://www.qsl.net/kb1dxc>
>
>The web site of the Stamford Amateur Radio Association:
><http://www.qsl.net/w1ee>
>
>MIKE

Date: Sat, 25 Aug 2001 23:45:51 -0500
From: "Michael Melland" <w9wis@charter.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>, <elecraft@qth.net>
Subject: [105789] KC4USV on 14.243 now....
Message-ID: <004101c12de9\$fbe80000\$b0e4b7d8@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike, KE6ZYK has been operating KC4USV since about 0230Z. He's on 14.243 USB. He has a good signal into Wisconsin but I've not been able to bust the pile-up yet. He's been working lots of Texas stations and that general area. I heard him work a station at 2 watts and then again at 1 watt I think wonder if it was someone from the list. They had a qro station initiate contact for them I think. I even tried qro 600 watts with no joy..... rats ! I need a beam !!! If you are in Texas or the area go get him ! The next operator coming on there soon is Chris.

--

Michael Melland, W9WIS
Winneconne, Wisconsin USA EN54pc
qrp-l #1656 - qrparci # 9875 - iparc #252
ars #1075 - <http://www.qsl.net/w9wis>

Date: Sun, 26 Aug 2001 00:28:21 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [105790] Re: MRX-60
Message-ID: <200108260459.f7Q4x0G17348@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> Not very practical, though. Don't see anybody with a 5.275 crystal for
> sale cheap...

>

Humm, 1/2 of 10.7 is 5.350, so a common 10.7 Mhz ceramic resonator divided by 2 might do the trick. You can pull these pretty far and are reasonably stable....

So, when might we get to use this band? It's a safe bet qrpers will be the first ones on it!

72,
Steve, KD1JV in the White Mountains of New Hampshire
"Melt Solder"
<http://www.qsl.net/kd1jv/index.html>

Date: Sat, 25 Aug 2001 22:14:31 -0700
From: "Dave Fifield" <dave@redhotradio.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [105791] Re: MRX-60

Message-ID: <001701c12ded\$fe87db60\$0200a8c0@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Don't worry - we'll have years to work all this out yet - we
won't be getting 60m for at least 3 years, if ever.

72, Dave Fifield, AD6A

Date: Sun, 26 Aug 2001 00:41:14 -0500
From: "George Lee" <georgekr5c@cablelynx.com>
To: <qrp-l@lehigh.edu>
Subject: [105792] KC4USV
Message-ID: <00a801c12df1\$b8a0d1c0\$4108cc18@georgelee>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to Mike, W9WIS for his posting KC4USV operation tonight.

Mike (KC4USV)

called for QRP stations and I was set for 5 watts. Called and he answered
with a 5x5 report. Then asked if I wanted to go lower and I went to 2 watts
with a 5x2 report. His frequency was 14.243.

I have worked the Antarctic many times in years past as I used to run phone
patches in the mid 70's for the guys down there. Never thought at that time
about running QRP.

Needless to say I have a beam and good coax but it is still a good feeling
to work him with the low power.

Thanks to both the Mikes!

Will need to figure that one out for MPW.

George, KR5C

QRP-L 810
ARCI 8261
SOC 39

NOR-CAL 795
BOFARS 162

Date: Sun, 26 Aug 2001 01:22:12 -0600
From: "AB0CD" <ab0cd@uswest.net>
To: "cqclist" <CQCLIST@EGROUPS.COM>, "QRP-L" <qrp-l@Lehigh.edu>
Subject: [105793] Colorado QRP Club Summer QSO Party
Message-ID: <006501c12dff\$d310f9a0\$059fa0d8@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Colorado QRP Club Summer QSO Party
SUNDAY 8-26 1800-2359 UTC

Hope to see many of you on the air. Al, K0FRP, will be running W0CQC for the 1,000 point bonus.

And Rich, W0HEP, CQC# 1, will be operating this year with his first beam - EVER. Word is he doesn't even have to turn on his rig anymore to work rare DX.

Rules: www.cqc.org/01suma.htm

72 Dick AB0CD..

Date: Sun, 26 Aug 2001 05:28:29 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <Edgerhardt@aol.com>
Cc: <k5di@zianet.com>, <qrp-l@lehigh.edu>
Subject: [105794] Re: What a day!
Message-ID: <Pine.LNX.4.33.0108260524510.1213-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Looks as if the Long skip was open on 15 and 12 meters. I could use D58DX. Will look at 12 this afternoon. Of course my big beam doesn't work on 12 meters. Who knows it might a little. Will try.

On Sat, 25 Aug 2001 Edgerhardt@aol.com wrote:

> A similar bizarre day here in Miami. I did work J8/PA8FM on 12 (those guys
> look like they are staying in Grenada) and D58DX in Liberia, a new country
> for me. Lots of QSB....that was about it.

>

> 73

> Ed

> N4EJG

>

> n a message dated 8/25/01 4:21:45 PM Eastern Daylight Time, k5di@zianet.com
> writes:

>

> <<

> Well 15 meters is open to some parts of the world. I worked the
> following who is everyone on 15 meters I can copy:

>

> K4FB

> EA8YU

> W2AGN

> N4PB finally and he gave me 599...

> >>

>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 26 Aug 2001 08:12:16 -0700
From: "John Dorson" <JDORSON@worldshare.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [105795] battery chargers
Message-ID: <000d01c12e41\$7ed62580\$7c6e5a41@john>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

i want to thank all who responded to my question on how th charge gel-cells.
lots of good info out there.

thanks

John K2JHU...

jdorson@worldshare.net

Date: Sun, 26 Aug 2001 06:20:56 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [105796] Recession
Message-ID: <Pine.LNX.4.33.0108260618250.1521-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Times are really bad! Your neighbor got layed off and that makes it a recession. But Friday YOU got layed off. That's a Depression! You have to sell your Bencher paddles.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 26 Aug 2001 06:26:47 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Paul Womble <pwomble1@tampabay.rr.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [105797] Re: Contest- K4FB Bubba Sprint
Message-ID: <Pine.LNX.4.33.0108260623560.1521-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Paul, You guys were really working and I was glad to work you on 15 and later on 20 meters. There was very little propogation but we had more than our share.

On Sat, 25 Aug 2001, Paul Womble wrote:

> Why is it when I want to try a new field antenna, the sun wants to play
> games? I thought the new 66' doublet fed with 300 ohm twin lead was
> just not working.
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 26 Aug 2001 08:29:55 -0400 (EDT)
From: <baltimoremd@baltimoremd.com>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [105798] Re: Recession
Message-ID: <Pine.BSI.4.05L.10108260828220.15353-1000000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 26 Aug 2001, Karl F. Larsen wrote:

>
> Times are really bad! Your neighbor got layed off and that makes it
> a recession. But Friday YOU got layed off. That's a Depression! You have
> to sell your Bencher paddles.

It gets worse...you have a job interview...your car is dead, you need to
buy a bus ticket. You have to sell your Brown Brothers Paddle.

But, there is a glimmer of hope...I'll buy it.

thom	
baltimoremd@baltimoremd.com	Thom LaCosta K3HRN Webmaster
http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com/	Home of the Baltimore Lexicon
http://www.zerobeat.net	Home of The QRP Web Ring and Drake Mail List Pages

Date: Sun, 26 Aug 2001 09:19:48 -0700
From: "John Dorson" <JDORSON@worldshare.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [105799] Need Var. Capacitor
Message-ID: <000901c12e4a\$ee5b4120\$636e5a41@john>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am in the process of building another loop ant. and need to fine a capacitor that tunes from about 50mf to 500 mf.
If you have one you would consider letting go of please contact me directly.

Thanks
John K2JHU
jdorson@worldshare.net

Date: Sun, 26 Aug 2001 09:22:16 -0700
From: "John Dorson" <JDORSON@worldshare.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [105800] 20 mtr qrp for trade. need sw-30
Message-ID: <001101c12e4b\$461fd240\$636e5a41@john>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have three 20 meter rigs and have become interested in 30 meters lately.
So I would like to get an SW-30 rig either built or in kit form. Looking to trade my A&A Eng. rig. If interested please contract me directly.

thanks
John K2JHU
jdorson@worldshare.net

Date: Sun, 26 Aug 2001 09:41:56 -0400
From: "Bruce & Tosh Hopkins" <makai@makai.org>
To: <dpayton@fwi.com>
Cc: "qrp-l@Lehigh. EDU" <qrp-l@Lehigh.EDU>
Subject: [105801] Measuring Tape Antenna...
Message-ID: <NFBBKBONCLCJNINPCKDBEECOCBAA.makai@makai.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang & Dennis,

The technique you are talking about has been used for years on aircraft, it is called a "trailing wire antenna"... The manual model that I used, stored the wire on about a 6 inch spool that fed out through a piece

of bent tubing which is where the center conductor of the coax connected... The trick to keeping the coil out of the equation, is to connect between the remaining coiled up wire/ruler, and the extended section... In the case of a metal ruler, either find one that is not painted, or scrape a short section of paint away at the different chosen lengths and then use an alligator clip to make your connection just where the tape exits the ruler body...

Hy-Gain built a dipole years ago that used the same technique... You extended both sides out the appropriate amount and then tightened down a clamp on each side... The remaining coil remained inside the feed point on the reels...

In this situation does the remaining coil have any effect ??? Probably, but you have the ability to negate any effect by simply taking in, or letting out some of your tape until you achieve the desired match... We used the metal tube fuselage for the ground connection... Efficiency ??? I will leave that to the Antenna Gurus, it didn't seem to matter much with a half wave or so of wire hanging out at several thousand feet...

Let us know how this works out for you... Take care and have fun...

72 - Bruce - KL7H/C6A

<http://www.qsl.net/kl7h>

Date: Sun, 26 Aug 2001 06:40:24 -0700 (PDT)
From: Bob Patten <n4bp@yahoo.com>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [105802] N4BP BUBBA
Message-ID: <20010826134024.96178.qmail@web14301.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Well, that was an exercise in frustration! Somehow KA1DDB in MI made it into the log during the first 15 minutes. It was mostly down hill from there. For someone addicted to rates, six QSO's per hour was painfully slow. 15M was the band to be on. Highlights were Q's with WL7CDC, HJ3JSF, EA8YU, and NQ7RP (bonus station later heard calling CQ on 20M, but couldn't get so much as a QRZ? after many calls).
Worked on two bands: W5TB & K5DI, thanks!

As if the sun's lack of cooperation wasn't enough...

For days prior to the BUBBU, I watched the outside temp soar to 106-107 with usual high relative humidity. Then, just before the weekend, a mass of dry air moved in accompanied by a drop in temp. With a high of only 99 degrees and relative humidity of 48%, a conservative estimate of the heat index from the BUBBA chart would be 110... Hardly worked up a sweat!

Anyhoo, bottom line:

25QSO's X18Mults X2(outdoor) X110(heat index) X1(5W)

+10,000(NQ7RP on 15M) 109,000 points

And the killer: when I brought all the gear inside to put the operating position back together, the K2 fell on the floor and broke!

=====

73, Bob Patten, N4BP Plantation, FL

E-Mail: n4bp@yahoo.com Website: <http://www.qsl.net/n4bp>

QRP ARCI #3412 FISTS #7871 ARS #799 SOC #1 Whiners #6

Do You Yahoo!?

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Date: Sun, 26 Aug 2001 19:27:06 +0700
From: "Donny Sirait" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [105803] Re: FREEBIE EXCHANGE
Message-ID: <00a401c12e35\$b5355440\$bef192ca@donnysirait>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Folks,
Talking about this thread I can speak for myself.

For those who are unaware about the economic situation in Indonesia nowadays, I can say it is really very sad, well there are still a lot of rich people (including hams) here in Indonesia but most of us still worries a lot about tomorrow (whether I will still have my job) and not to say if

I can live well.

With the current economic situation I was trapped into some kind of a condition where I do not have any radio at all (what is a ham without a radio?)

but then It happened that my dear old friend OE5KE found out my e-mail address

and asked about what I am doing ham-wise. I told him that after moving from Medan (YB6 area) to my present QTH (YB1 area) I sold all my radio and was busy with my work however after the economic crisis struck Indonesia I simply could not afford to buy even a used radio anymore. To make it short He arranged a package sent to me containing a vintage Cubic Astro 200A transciever

for my personal use. All he mentioned to me is he wants to returned my deeds when he visit Indonesia in the early 80's (I was able to visit him in Austria in the mid 90's) when I help him with his travel arrangements and even had a small ham gatherings during his visit here in Indonesia.

I am pretty sure that the true ham spirit is his reason to do that (the amateur radio is friendly) and he expects nothing from me in return. However I cannot do quite the same thing to other hams but I am always willing to share what I have with others I always volunteer to elmer new hams and even now I am gathering ham interest here towards QRP (qrp is still not widely accepted here and a minority) and I think that is the way I can do the same deed to others.

Well dear folks I urge you to do the same and believe me you'll discover a new paradigm, satisfaction in your life and what? make this world a better place to live.

I can testify that numbers of this list members had done the same thing personally to me and my God bless you all and I hope that someday I can do the same in return.

Keep going folks with the good job.

vy 73 de YB1BOD
Donny

Date: Sun, 26 Aug 2001 07:07:23 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: n4bp@yahoo.com, qrp-1@Lehigh.EDU
Cc: elecrafft@qth.net
Subject: [105804] Re: N4BP BUBBA
Message-ID: <F144DjoYAPNXRPmcarc00010704@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

:(Oh nooooooooooooo!

John K7FD

>From: Bob Patten <n4bp@yahoo.com>
>And the killer: when I brought all the gear inside to put
>the operating position back together, the K2 fell on the
>floor and broke!

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sun, 26 Aug 2001 07:19:54 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [105805] Re: E010.... call QSL info avail at DX Summit
Message-ID: <20010826141954.10933.qmail@web14604.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thanks Dave!

=====

Steve Yates

Call: AA5TB
E-Mail: aa5tb@arrl.net
Location: Fort Worth, TX - Grid EM12gs
Web Page: <http://www.geocities.com/aa5tb>

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Date: Sun, 26 Aug 2001 09:35:07 -0500
From: "Mike Malone" <mmalone@worldlogon.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [105806] Re: Cub Fox Log 8-22 from KD5KXF
Message-ID: <003701c12e3c\$4ea90620\$8df5a7cc@malonefamily>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ok after corrections we have the following. My apologies for all the errors between my handwriting and some of the signal levels it made for some interesting errors. Lemme know if any other problems otherwise we call it official. Hopefully the bands will be rocking Tuesday and I can HEAR better than this last run. Bet you guys are hoping the same!

0200	WOMC	559	CO	JERRY	5W
0201	AF4PS	559	FL	MAC	3W
0203	K4BYF	559	FL	JACK	5W
0205	WA7SPY	559	CA	GLENN	5W
0208	KB9YIG	559	IN	TONY	5W
0211	WV9N	559	OH	RANDY	5W
0214	NV4V	559	KY	PETE	5W
0215	VA6RF	559	AB	EARL	5W
0219	N4ROA	559	VA	DAN	5W
0221	W3CD	559	CA	BOB	5W
0223	N1QO	559	VT	JOHN	5W
0226	K4TJD	559	GA	TOM	5W
0228	W2XN	559	FL	FRED	1W
0230	N1TP	559	FL	TOM	5W
0231	KB3EG	559	PA	RICH	5W
0238	K8CV	559	MI	WALT	5W
0247	K4FB	559	FL	PAUL	5W
0251	VE6EX	559	AB	DAN	5W
0253	KC1FB	559	CT	JIM	3W
0256	N0IT	559	MO	DAVE	5W
0305	WK6I	559	CA	JEFF	5W
0310	VE1MT	559	NS	LAYTON	5W
0314	W6ABC	559	CA	JACK	5W

0316	AG0T	559	ND	TODD	5W	
0321	N6XQ	559	CA	JOHN	5W	
0325	KJ0C	559	MO	JIM	5W	
0328	AD6JC	559	CA	JOHN	5W	
0335	AJ4AY	559	AL	JAY	5W	
0341	AC6UV	559	CA	CODY	5W	
0354	N4S0	559	AL	KEN	5W	
0358	KB7WW	559	OR	ART	5W	
0400	KD5KXF	600	VER	TX	MIKE	.0001 MW

Date: Sun, 26 Aug 2001 08:28:00 -0600
 From: "James R. Duffey" <jamesd1@flash.net>
 To: <qrp-l@lehigh.edu>
 Cc: <nn1g@earthlink.ne>
 Subject: [105807] Re: 40673 Caution: techno-babble
 Message-ID: <B7AE638F.D102%jamesd1@flash.net>
 Mime-version: 1.0
 Content-type: text/plain; charset="US-ASCII"
 Content-transfer-encoding: 7bit

Dave - Good dissertation on the cascode circuit.

The cascode is one of those gresat ideas that solve a multitude of problems. Therefore they turn up everywhere. We use them for low noise input circuits for IR detectors.

The cascode circuit was, I believe, invented at the old MIT Radiation Laboratory during WWII work on RADAR. The labs published much of their work in a series of books after the war. One of these books was on amplifiers and contained the work on the cascode circuit.

RCA realized that this circuit was ideal for the high gain low noise front end in consumer TVs. Use of a cascode circuit made possible reception of TV signals at much longer distances than before. As a result, the high performance-no fuss cascode circuit was, in large part, responsible for the rapid spread of TV after the war.

Horowitz and Hill has an excellent tutorial on the cascode configuration and there are several cascode IF amplifier circuits in Solid State Design as well.

As to dual gate MOSFETs disappearing; their chief industrial use was in RF

front ends and mixers. These functions have largely been replaced by multiple function ICs.

MCM Electronics used to carry several of the 3SK series dual gate MOSFETs. Has anybody checked with them to see if they still do? I believe these parts were much better performers than the 40673 devices.

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sun, 26 Aug 2001 09:42:44 -0500
From: "Len Revelle" <lenrev@ameritech.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [105808] RE: FREEBIE EXCHANGE
Message-ID: <JDEJKNHICDBPHBFOCEJMIEJICGAA.lenrev@ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

These remembrances remind me of my ham beginnings. When I passed the Novice, Rae K4SWN, took half a day off work and drove me around until he cajoled a receiver off one of the locals (a DX-20 transmitter was already loaned and awaiting). A simple dipole later and I made my first Q.

When I passed the General I had become CW proficient and had been participating in a Novice CW net, the old NCNN. I scrounged a crystal that was only 10 KHz south of the NCN freq. so for a coupla weeks W4LYV listened for me and relayed my check in. In no time I had received mail with crystals for net freq and needed plus or minus freqs. An anonymous VFO arrived some days later and I never did find out from whom.

In the 30+ years since I have found myself returning the favor many times. I was in possession of suitable Novice Class stations on several occasions that I made available to beginners to HF operation. The proviso was that he/she passed them on to similar new hams without cost and in working order. This I learned from those generous Elmers.

Unfortunately, I once found my donated station on a table at a hamfest and no longer have complete stations to give away but still miss the days when one had not one Elmer, but a bunch of anonymous Elmers as these stories have told of.

Len Revelle N9IJ

AMA 60055 LSF 7492
QRP-ARCI#10923 QRP-L#2353
ARS#1099 Live Wire#529
lenrev@ameritech.net

Date: Sun, 26 Aug 2001 16:22:18 +0100
From: "Ted Williams" <ted@g0ull.fsnet.co.uk>
To: "QRP-L" <qrp-l@lehigh.edu>, <tdufresne@neb.rr.com>
Subject: [105809] Re: Iron on schematics
Message-ID: <007701c12e43\$7760be80\$0100000a@duiron800>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Rob:

I have no problems at all printing out artwork using an inkjet printer - but you must use the special film provided for inkjet printers. Since this stuff is relatively expensive, I do a trial print onto plain paper, then tape a cut-out piece of the film over the print and pass it through for another print - this time on to the piece of film. The final result is printed onto sensitised pc board in the normal way.

Do make sure that the artwork has the print side against the pcb, reversing the image if necessary, otherwise poor definition may result.

I've printed 0.005 inch lines successfully.

Don't know if that helps?
Ted g ull

Date: Sun, 26 Aug 2001 09:41:46 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "James R. Duffey" <jamesd1@flash.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [105810] Re: 40673 Caution: techno-babble
Message-ID: <Pine.LNX.4.33.0108260936060.1872-100000@localhost.localdomain>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes James, the integrated circuits now in use in home TV and radio front ends have average noise figures of about 1 DB and my 13" TV is far better. I get a good signal from channel 2 in Mexico City. They are far better protected from static electricity which wiped out the dual gate Mosfets.

On Sun, 26 Aug 2001, James R. Duffey wrote:

> Dave - Good dissertation on the cascode circuit.
>
> The cascode is one of those gresat ideas that solve a multitude of problems.
> Therefore they turn up everywhere. We use them for low noise input circuits
> for IR detectors.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 26 Aug 2001 09:05:53 -0700 (PDT)
From: Gary Slagel <gdslagel@yahoo.com>
To: QRP L <qrp-l@Lehigh.EDU>
Subject: [105811] Re: FS: K2 for \$550 - SOLD
Message-ID: <20010826160553.44901.qmail@web11604.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Tnx for the responses on the K2. Its been spoken for.

73, Gary

=====

Gary Slagel/N0SXX
Conifer, CO 80433
gdslagel@yahoo.com
Personal Website: <http://marina.fortunecity.com/sanpedro/351>

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<http://phonecard.yahoo.com/>

Date: Sun, 26 Aug 2001 12:22:40 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu, nwq-l@scn.org
Subject: [105812] battery voltage indicator
Message-ID: <fe.b458c2a.28ba7c50@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Battery volatage indicator in QST Oct 98 pg 50. Has anyone built this simple indicator to monitor your voltage? Or do you have another circuit you recommend? Looking for a simple votage monitor circuit for field use (other than testing all the time with voltmeter)---Alan KB7MBI

Date: Sun, 26 Aug 2001 11:35:25 -0500
From: "Michael A. Newell, WB4HUC" <MNEWELL1@austin.rr.com>
To: <qrp-l@Lehigh.EDU>
Subject: [105813] QRP activities at the Huntsville, AL hamfest
Message-ID: <006701c12e4d\$1bdccfe0\$64c8a8c0@austin.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Short Report:

It was guuuuuuud!! and I spent way too much money. But now my FT-817 is loaded for bear.

I've been out of town all week and we only got back home last night around midnight. I've been unable to read QRP-L messages, so I don't know if this subject has already been covered. If not, perhaps Craig will give a more complete report.

<http://www.hamfest.org> is the web site, and lists the forum shedule, list of dealers, and other information for those who may have missed the hamfest.

>From the perspective of an attendee, it appeared that the QRP vendors and manufacturers were doing some good business. I was only able to attend one of the QRP forums, but it was packed, and when I would sneak a look into

other forums they appeared to be well attended.

When I moved from Huntsville to Austin back in 1992 there were a few QRP operators, but it looks like today the level of popularity is several magnitudes greater.

I would like to publicly thank Craig Behrens and all of the other organizers, vendors and forum presenters for their hard work and dedication in providing such visibility for QRP at the hamfest.

72,

--

Michael A. Newell, WB4HUC
<http://wb4huc.home.texas.net/>
Austin, TX

Date: Sun, 26 Aug 2001 12:46:15 -0400
From: "Lee S. Mairs" <lmairs@cox.rr.com>
To: <2n2-40@yahoogroups.com>, <qrp-l@lehigh.edu>
Cc: <2n2-40@yahoogroups.com>
Subject: [105814] Re: [2n2-40] Overloaded!
Message-ID: <00b001c12e4e\$a123f6a0\$6401a8c0@cox.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey guy!

You did your job by designing, writing and talking about the 2N2/40s. Thank you for all that effort.

72 de Lee, KM4YY

We've all heard that a million monkeys banging on a million typewriters will eventually reproduce the entire works of Shakespeare. Now, thanks to the Internet, we know this is not true.

--Robert Wilensky, ILP 1996

> I'm taking the easy way out to notify many of you who have
> written me within the past several days that I'm woefully
> behind in answering some of my email. I've gotten some
> long emails regarding technical questions on 2N2/40s ...

Date: Sun, 26 Aug 2001 09:54:25 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [105815] Today's Contest...
Message-ID: <F260w59ZQoMCfRsBMmE0001061d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

See you in there!

CQC Summer QSO Party - 1800Z
<http://www.cqc.org/01suma.htm>

73, John K7FD

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sun, 26 Aug 2001 10:08:28 -0700
From: Bruce Grubbs <mail@brucegrubbs.com>
To: qrp-1@LeHigh.edu
Subject: [105816] NA in BUBBA and other QRP contests
Message-ID: <5.1.0.14.0.20010826100305.0305dba8@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I finally figured out how to set up NA for contest exchanges it doesn't directly support. When setting up the contest template with TE, pick an exchange that has the first two or three fields of the contest. Then, during the contest, log the first part of the exchange, then use the ALT-N command to enter the rest of the exchange into the note file. After the contest, you can manually edit the log file and add the exchange data from the note file.

For BUBBA, where the exchange is RST SPC NAME TEMP, I picked the CALL RST QTH exchange, then used the note file to record NAME and TEMP. A little awkward, but fast enough for the pace of a QRP 'test.

72

Bruce

Bruce Grubbs N7CEE
Flagstaff, Arizona
mail@brucegrubbs.com

Date: Sun, 26 Aug 2001 13:16:15 -0700
From: "Dave Benson" <nn1g@earthlink.net>
To: <jamesd1@flash.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [105817] Re: 40673 Caution: techno-babble
Message-ID: <00c901c12e6b\$f6d028e0\$1be4d73f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim-

-----Original Message-----
From: James R. Duffey <jamesd1@flash.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Sunday, August 26, 2001 7:29 AM
Subject: Re: 40673 Caution: techno-babble

Dave - Good dissertation on the cascode circuit.

The cascode is one of those gresat ideas that solve a multitude of problems. Therefore they turn up everywhere. We use them for low noise input circuits for IR detectors.

<snip>

Thanks. :-)

Sooooooo- why don't we use them as drivers in transmitters? A case in point is the driver stage (Q5) in my SW+ series. The down side is that the DC biasing on that upper transistor makes it tougher to get large signal swings out of the amplifier. Another limiting factor in their use in driver stages is that Idss (zero-bias current) in most FETs is only a few mA- a tad anemic for this application.

OTOH- if you can stand the input capacitance at high frequency, the inexpensive (~\$0.25) 2N7000 MOSFET will work at much higher currents. I had tested the transconductance of these devices a while back they hung in there right up to the limit of my signal generator- 65 Mhz.

73- Dave, K1SWL

Date: Sun, 26 Aug 2001 13:53:32 -0400 (EDT)
From: "John L. Sielke" <w2agn@pobox.com>
To: qrp-l@lehigh.edu, njqrp@njqrp.org
Subject: [105818] DC Voltage Booster?
Message-ID: <XFMail.20010826135332.w2agn@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

Somewhere I read an article on a booster, that will take 12V in, and give you 18V or so out. Max current I need is about 2 amps. What I want to do is use my old laptop for logging, but it won't run off less than about 16V DC.

I thought there was a QST article a few months ago.
Anyone know of a kit or anything like that?

John W2AGN

Date: Sun, 26 Aug 2001 12:39:13 -0600
From: Niels Jensen Kristjansson <nkristja@cadvision.com>
To: qrp-l@Lehigh.EDU
Cc: qrp-canada@neale.gpfn.sk.ca
Subject: [105819] VE6AAN/VE5 Mountain Top
Message-ID: <1.5.4.16.20010826124044.12e799c0@cadvision.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang,

Just worked Pat on 7040kHz at 18:20 UTC
he is activating the highest point in Sask.
Canada. Pat is using a FT-817 and a dipole,

his time could be limited so give him a call.

72 de Niels
VE6NJK
Calgary, AB
Canada

Date: Sun, 26 Aug 2001 12:54:24 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [105820] whence cqc 'tester's?
Message-ID: <004101c12e60\$86c1f200\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

About an hour into it, and only have abt 8 QSOs. Where is everybody
20, 15 & 10 are dead!

73, Rod N0RC
Ft Collins, CO

Date: Sun, 26 Aug 2001 16:01:12 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <w2agn@pobox.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [105821] Re: DC Voltage Booster?
Message-ID: <001d01c12e69\$e641cbc0\$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: John L. Sielke <w2agn@pobox.com>

> Somewhere I read an article on a booster, that will take 12V in, and
give you 18V or
> so out. Max current I need is about 2 amps. What I want to do is use my

old laptop
> for logging, but it won't run off less than about 16V DC.
>
> I thought there was a QST article a few months ago.
> Anyone know of a kit or anything like that?
>
> John W2AGN

You're looking for a 'boost regulator'. These are small switchers that 'add' to an input voltage, and generally work with only marginal heat added.

There's a number of suggested circuits, but if you want a 'canned device' look for a company called 'Linear Technologies'. They make a number of small switcher ICs that can handle a few amps, and are configurable as 'boost regulators'.

Mike

Date: Sun, 26 Aug 2001 15:23:51 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [105822] Antenna sum-up -long
Message-ID: <Pine.LNX.4.33.0108261459070.1278-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Last week was fun here. I am learning to use the MMANA antenna simulator and for some reason the web site that had this free software disappeared. I was asked by several people how to get it so I put a copy of this software on my web page at:

www.qsl.net/k5di

Took me an hour to figure out how to write the html words to make it possible to d/l the software, but it was too simple. It works fine now.

Been sticking with a simple antenna, a 20 meter dipole above real ground made from copper wire 10 mm in diameter. We had a mixup when I said a real dipole not real high has a gain about 7 DBi. Several guys wrote saying that books and all say a dipole has a gain of about 2 DBi. I worried about this awhile and for fun set MMANA for no ground (free space)

and got a gain of 2 DBi! So at least in my minds eye I can see why a dipole one wavelength above a real ground has about half of it's radiated power bounced back in phase with the other half for some gain increase. The 5 DB gain increase is more than I expected. But I believe the simulation is correct.

With the W3FF loaded 20 meter antenna up 10 feet I had real success with 4 Fox Hunts. The simulation tells me that at 10 feet (3 meters) the feed point impedance will be lower than 72 ohms like we get in space, and have some reactance too. It said 48 -j53 like. I was surprised because on 20 meters I get about that same feed point impedance. To correct for that I make one half of the dipole shorter until I get a real 1:1 swr at 14.060 MHz.

This is beginning to come together. The theory and computer simulation are agreeing with the real physical antenna. It is exciting.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 26 Aug 2001 21:18:58 +0100
From: Larry Cahoon <lejek@erols.com>
To: qrp-1@lehigh.edu
Subject: [105823] Last Call - Power Management Contest
Message-ID: <5.0.2.1.0.20010826211704.00a1b270@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Last call for reports for the piggyback to the NA CW QSO Party earlier this month - the power management contest. Reports are due by Aug. 31. Details are at <http://www.qsl.net/wd3p/qrp/pwrcontest/pwrcontest.htm>

Tnx and 73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

Date: Sun, 26 Aug 2001 14:29:04 -0700
From: "Bill Jones" <kd7s@psnw.com>
To: <ARДУJENSKI@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [105824] Re: battery voltage indicator

Message-ID: <004201c12e76\$5c53d0e0\$448b6bd1@microsoft>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Alan,

I have had no first hand experience with battery voltage indicator you mentioned in the October, 1998 issue of QST. However, I have built an expanded scale voltmeter presented at Pacificon in 1998 by George Dobbs, G3RJV. It consists of an LM3914 Dot/Bar Display chip, four resistors (two fixed and two trim pots) and a 10-segment LED bargraph display. You can set the scale to just about anything you want. I set mine up to display 10.5 to 14.5 volts to monitor an 8-pack of AA cells. It works great.

=====

Bill Jones - KD7S <><
Sanger, California

=====

----- Original Message -----

From: <ARDUJENSKI@aol.com>

> Battery volatage indicator in QST Oct 98 pg 50. Has anyone built this
simple
> indicator to monitor your voltage

Date: Sun, 26 Aug 2001 17:08:20 -0500
From: "David & Jo Ann Lininger" <djlinin@positech.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [105825] OT - Dish antennas?
Message-ID: <3B892D04.13367.2875C00@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

My neighbor has a couple of old tv dishes (Dish Network type stuff) that he is getting ready to trash. Might these be of any use for ham stuff? As I understand it, they are not functioning for their original purpose. I'm not interested in using them for tv use, either, but wondered about someday getting into the microwave game.

Any thoughts would be appreciated.

73

David, KBOZKE
kb0zke@arrl.net

Date: Sun, 26 Aug 2001 17:14:59 -0500
From: "Rob Matherly" <kc0bom@arrl.net>
To: <djlinin@positech.net>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [105826] Re: OT - Dish antennas?
Message-ID: <004301c12e7c\$8cfe8f40\$5411a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've seen a couple articles in CQ about using those 18" deals for microwave work. If anything else, they're free! I'm sure there'd be some use for them at that price! Frisbees for dogs you don't like? :-)

72/73
Rob, kc0bom

----- Original Message -----
From: David & Jo Ann Lininger <djlinin@positech.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, August 26, 2001 5:08 PM
Subject: OT - Dish antennas?

> My neighbor has a couple of old tv dishes (Dish Network type stuff)
> that he is getting ready to trash. Might these be of any use for ham
> stuff? As I understand it, they are not functioning for their original
> purpose. I'm not interested in using them for tv use, either, but
> wondered about someday getting into the microwave game.

>
> Any thoughts would be appreciated.

>
>
>
>
> 73

>
> David, KBOZKE
> kb0zke@arrl.net

>

Date: Sun, 26 Aug 2001 17:18:51 -0500
From: "Bill Allen" <wallen@our-town.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [105827] Emtech ZM-2?
Message-ID: <000301c12e7d\$16776e40\$31bac1d0@ourtown.com>

Hi Gang,

Has anyone used the Emtech ZM-2 ATU? Results? Why does it have knobs if it is an autotuner? :-)) For K2 operators, any comparison to the K2ATU?

72
KC5ADF
Bill Allen

End of QRP-L Digest 2293

